

## WHAT IS CLAIMED IS:

1. A calibration rig comprising:
  - 5       - a source (1) of pure sterilized water or a source (40) of a sterile conductive solution,
  - a piping manifold (3) connected to the source (1),
  - at least one flow meter (5) connected to the source (1) via the piping manifold (3) and/or
  - 10       - at least one flow meter calibration cart (7) connected to the source (1) via the piping manifold (3) and
  - 15       - a drain pipe (23) connected to each flow meter (5) and to each flow meter calibration cart (7) to guide liquids from the flow meter (5) and/or the flow meter calibration cart (7) to a drain (23).
2. Calibration rig according to claim 1, wherein  
20       a calibrated reference flow meter (21) is installed in parallel to a flow meter (5) or a flow meter calibration cart (7) to be calibrated or re-calibrated.
3. Calibration rig according to claim 1, wherein  
25       a calibrated reference flow meter (21) is installed in series to a flow meter (5) or a flow meter calibration cart (7) to be calibrated or re-calibrated.
4. Calibration rig according to claim 1,  
30       wherein a device (29) for measuring a quantity of liquid received from a flow meter (5) or a flow meter calibration cart (7) is installed between the flow meter (5) or the flow meter calibration cart (7) and the drain pipe (23).

5. Calibration rig according to claim 4,  
wherein the device (29) for measuring a quantity of  
liquid is a weigh tank.
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6. Calibration rig according to claim 1,  
wherein a device (33) for supplying a predetermined  
quantity of water is installed between the source (1)  
and the flow meter (5) or the flow meter calibration  
10 cart (7).
7. Method of calibration or re-calibration of a flow  
meter (5) or a flow meter calibration cart (7),  
comprising the steps of
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- mounting the flow meter (5) or the flow meter  
calibration cart (7) on a flow meter calibration rig  
according to one of the previous claims,
  - sending pure sterilized water through the flow meter  
(5) or the flow meter calibration cart (7), and
  - 20 - directing the water from the flow meter (5) or the  
flow meter calibration cart (7) to a drain (23).
8. Method of calibration or re-calibration of a  
flow meter (5), comprising the steps of
- 25
- mounting the flow meter (5) on a flow meter  
calibration rig according to one of the previous  
claims comprising a source (1) of pure sterilized  
water,
  - adding a quantity of a sterile conductive solution  
30 to the pure sterilized water, thus obtaining a  
sterile conductive liquid,
  - sending this sterile conductive liquid through the  
flow meter (5), and

- directing the sterile conductive liquid from the flow meter (5) to a drain (23).